

## Abstract

In process control based on partition setting which is a process corresponding to a plurality of operating systems (OSs), a configuration is implemented in which an interrupt request can be processed efficiently. In process control for switching processes which are based on the plurality of OSs, it is configured to set an interrupt processing partition as an interrupt processing execution period corresponding to an interrupt processing request so as to coincide with a pre-set partition switching timing. Further, a processing schedule is set, taking a maximum allowable delay time, a minimum allowable delay time into account. As a result of the present configuration, an increment in the number of partition switching processes can be kept to 1, and thus efficient data processing becomes possible.